

AT 10/74-38
 SED. LOG. NO. 1
 1. 5008



NOTE:
 This interpretation is based upon —
 surface (KT 10/74-M-38),
 float (KT 10/74-M-3C), and
 auger hole rock chip (KT 10/74-M-3D)
 geological data.

SYMBOLS

Thin section and rock number
 Rock sample for geochemical analysis,
 Interpreted contact,
 Power auger hole,
 Hand auger hole,
 Auger core hole,
 Grid position

GEOLOGICAL INTERPRETATION

TERT. Olivine basalt (thin)
 TERT. Olivine basalt (thick)
 Biotite feldspar quartz porphyry
 Argillite - chloritic (biotite feldspar) quartz porphyry
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 intruded by quartz veins with associated perthite/minorite mineralization(+)
 and massive (D) quartz veins. Principally at Mariner 3

AUGER CORE HOLE ROCK GEOCHEMISTRY (ppm)

| RR | Depth Interval (m) | Cu | Pb | Zn | Ag | Cd | Mn | Sn | Be | Fe% |
|------|--------------------|-----|------|------|----|----|------|-----|------|-----|
| 2717 | 8.94 - 9.04 | 120 | 1760 | 520 | 10 | 5 | 520 | 100 | 500 | 4.0 |
| 2718 | 11.28 - 11.38 | 140 | 7900 | 290 | 55 | 5 | 7600 | 100 | 1000 | 2.9 |
| 2718 | 11.38 - 11.38 | 170 | 7900 | 500 | 60 | 5 | 7650 | - | - | 3.0 |
| 2718 | 16.64 - 16.74 | 10 | 310 | 1010 | 2 | 2 | 1680 | 80 | 900 | 3.6 |
| 2720 | 17.87 - 17.97 | 5 | 110 | 360 | 2 | 5 | 630 | 80 | 1000 | 1.8 |

* Denotes repeat and check analysis.

03_4899
 Tube 1 to 8: Mariner 1977-82 (EL 10/174)
 Placer Dome Asia Pacific
 Green, D. EL10/174

DATE AUGUST '78
 GEOLOGIST G.L.B.
 DRAWN J.P.M.
 CHECKED G.R.

GEOPEKO
 A DIVISION OF PEKO-WALLACE OPERATIONS LTD
 No KT10/74-M-3A
 E.L.10/74 BLACK BLUFF, TASMANIA
 MARINER 1, 2 and 3
 INTERPRETATION GEOLOGICAL MAP
 with rock sample locations